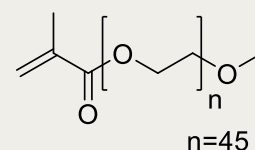


Product Information

**VISIOMER® MPEG 2005 MA W**



**Methoxypolyethylene glycol 2000–methacrylate  
50 % in water**

CAS-No.: 26915-72-0  
79-41-4

**Quality on supply**

Appearance: at room temperature clear, colorless to yellowish liquid  
Odor: faintly ester like

**Standard specification**

		Test Method	
Acid number	max. 32.0 mg KOH/g (max. 4.9 % GMAA)	M4	(acid–base titr., calculated as GMAA)
Water content	50 ± 2 %	M3	(according to K. Fischer)
Stabilization	200 ± 20 ppm MEHQ	M1–1	(HPLC)
Degree of conversion	> 95 mol.-%	M94	(NMR)

Following data are not part of the product specification but serve as benchmarks.

### Physical Data

Molecular weight	~ 2000 g/mol
Density	1.08 g/cm <sup>3</sup> (20 °C)
Refractive index	app. 1.407 (20 °C)
Boiling temperature	app. 100 °C (1,013 hPa) (water)
Vapor pressure	app. 23 hPa (20 °C)
Melting temperature	< 4 °C
Viscosity	63 mPa·s at 15 °C 49 mPa·s at 20 °C 43 mPa·s at 23 °C 39 mPa·s at 25 °C 32 mPa·s at 30 °C
pH	approx. 3
Solubility in water	miscible

### Registration

REACH	pre-registered, registered or exempted
included in TSCA	+

### General Hints

For information about health protection and shipment see our Safety Data Sheet

### Application

Waterbased coatings, polymerisable emulsifier, textile and water treatment, paper production, additive for concrete.

**Shelf life** of the standard stabilized product: 6 months at max. 30 °C from date of delivery

Ref.-No.: VISIOMER® MPEG 2005 MA W / FM 523-e – 01/2015

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\* = registered trademark

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